

Sea Grant Review Panel Members

Jerry R. Schubel (Chair)

Long Beach, California

Dr. Jerry Schubel was named President and CEO, Aquarium of the Pacific, Long Beach, California in June 2002. He served from November 1994 to February 2002 as the President and Chief Executive Officer of the New England Aquarium which has begun placing a greater emphasis on environmental education and conservation biology research during his tenure there. For two decades prior to joining the aquarium, Dr. Schubel was Dean and Director of the Marine Sciences Research Center at the State University of New York at Stony Brook. For three years in the mid-1980s, Dr. Schubel served as Provost at SUNY Stony Brook and created a number of research institutes focusing on regional policy studies, mathematical sciences, the humanities, and social analysis. Prior to 1974, Dr. Schubel was an adjunct professor, research scientist, and associate director of The Johns Hopkins University's Chesapeake Bay Institute. Long active in regional, national and international environmental affairs, Dr. Schubel has served as chair for the New York Sea Grant Institute Governing Board and the National Research Council's Marine Board, as a member of the U.S. Environmental Protection Agency's Science Advisory Board, and as an instructor at the National Institute of Oceanography in Pakistan. He holds a Ph.D. in oceanography from Johns Hopkins and has published approximately 200 scientific papers and several books.

Nathaniel E. Robinson (Vice Chair)

Madison, Wisconsin

Mr. Nathaniel Robinson is a gubernatorially-appointed senior executive in Wisconsin's state government, currently serving as special assistant to the Secretary of the Wisconsin Department of Administration. From 1992-1999, Mr. Robinson managed the department's Division of Energy and Intergovernmental Relations and served as the governor's representative on coastal and related environmental issues. For nearly two decades, he served the state in the administration of public safety through the Wisconsin Office of Justice Assistance. Mr. Robinson has represented the Wisconsin governor on many boards and commissions, including the Great Lakes Commission, which he currently Chairs, the Coastal States Organization, the Wisconsin Coastal Management Council, and the Acid Deposition Research Council.

Peter M. Bell (Past Chair and Member of Executive Committee)

Galesville, Maryland

Dr. Peter M. Bell is a consultant in the fields of geophysics and material science and is adjunct senior research scientist at the Carnegie Institution of Washington's Geophysical Laboratory. In addition, he serves on the Advisory Board of the Materials Processing Center of the Massachusetts Institute of Technology. Before his retirement, Dr. Bell was the vice president

and chief scientist of St. Gobain Corporation and Norton Company. He has served on the Board of Directors of Cerbec Corporation and KuriNorton Company. Dr. Bell has taught at Harvard, Johns Hopkins, the California Institute of Technology and the State University of New York. Dr. Bell was awarded the Medal for Exceptional Scientific Achievement by the National Aeronautics and Space Administration in 1976, the Guggenheim Foundation Fellowship in 1981, and the Guinness Foundation Award in 1981. He was named the Fairchild Distinguished Scholar by the California Institute of Technology in 1983. Dr. Bell received his Ph.D. in geophysics at Harvard University.

Geraldine Knatz (Past Chair and Member of Executive Committee)

Long Beach, California

Dr. Geraldine Knatz is Managing Director for the Port of Long Beach in California where she oversees the planning, environmental, engineering, and real estate divisions of the port. Her previous positions included serving as Director of Planning and Environmental Affairs for the Port of Long Beach and as an environmental scientist with the Port of Los Angeles. In addition to her work with ports, Dr. Knatz is an instructor at the University of Southern California in the civil engineering department. Dr. Knatz's association with Sea Grant goes back to 1975 when she was awarded a year-long Sea Grant Internship award. Since 1986, she has served on the University of Southern California Sea Grant Advisory Committee; she has also served on the Coastal Society's National Board of Directors. Dr. Knatz is very active in national port affairs and is the former chair of the American Association of Port Authorities Harbor's, Navigation and Environmental Committee. She also represents the International Association of Ports and Harbors at the London Convention, an international treaty regulating ocean dumping. In 1996, Dr. Knatz was named Women of the Year by the Los Angeles Chapter of the Women's Transportation Seminar. Dr. Knatz currently serves as Chair of the National Academy's Marine Board. She received a Ph.D. in biological sciences from the University of Southern California.

Elbert W. Friday (Member of Executive Committee) – Leave of Absence

Lorton, Virginia

Dr. Elbert "Joe" Friday served as Director of the Board on Atmospheric Science and Climate (BASC) of the National Research Council, National Academies of Science from July 1998 to May 2002. The BASC was established to advance understanding of the earth's atmosphere and climate. From June 1997 until July 1998, Dr. Friday served as NOAA's Assistant Administrator for the Office of Oceanic and Atmospheric Research (OAR), responsible for managing the Environmental Research Laboratories of NOAA, the National Sea Grant College Program, and the National Undersea Research Program. From March 1988 until June 1997, Dr. Friday served as Assistant Administrator for Weather Services and as Director of NOAA's National Weather Service (NWS). Dr. Friday served for over a decade as U.S. Permanent Representative to the United Nation's World Meteorological Organization. Before coming to NOAA in 1981, he completed a 20-year career in the United States Air Force. He is a Fellow and currently serving as Past-President of the American Meteorological Society.

Frank Kudrna, Jr. (Past Chair and Member of Executive Committee)

Clarendon Hills, Illinois

Dr. Frank Kudrna is the chief executive office of Kudrna & Associates, Ltd., a Chicago civil engineering consulting firm. Formerly he was president of Epstein Civil Engineering Company, and prior to that, he was director of the Illinois Division of Water Resources and supervising engineer of flood control and planning with the Metropolitan Water Reclamation District of Greater Chicago. Dr. Kudrna has served for over 25 years on the Great Lakes Commission. He is former vice-chairman of the Upper Mississippi River Basin Commission and the Ohio River Basin Commission. Dr. Kudrna holds a Ph.D. from the Illinois Institute of Technology and an MBA from the University of Chicago. During 2000, Dr. Kudrna served on the eight-member team that conducted an intensive review of the National Sea Grant College Program's extension efforts that resulted in the report A Mandate to Engage Coastal Users.

Robin P. Alden

Stonington, Maine

Ms. Robin Alden is Director of Penobscot East Resource Center, a community organization supporting community-based fishery management, collaborative marine science, and sustainable economic development in the Eastern Gulf of Maine. Ms. Alden is a former Maine Commissioner of Marine Resources (1995-1997), the agency responsible for the state's fisheries and aquaculture policy, research, management, and enforcement. Prior to holding that position, she served as publisher and CEO of several fisheries publications including the *Commercial Fisheries News* and *Fish Farming News*. At one time, Ms. Alden was a commercial fisheries specialist with the Maine Sea Grant Extension Service and started the Maine Fisherman's Forum. She also has served on the New England Fisheries Management Council. Ms. Alden holds a B.S. in economics from the University of Maine.

Robert Duce

College Station, Texas

Dr. Robert Duce is currently Distinguished Professor of Oceanography and Distinguished Professor of Atmospheric Sciences at Texas A&M University (TAMU) and a former Dean of the College of Geosciences and Maritime Studies at TAMU. From 1987-1991, Dr. Duce served as Dean of the Graduate School of Oceanography and Vice Provost for Marine Affairs at the University of Rhode Island where he was a member of the oceanography faculty since 1970. His many professional achievements include past President of the Oceanography Society and the International Association of Meteorology and Atmospheric Sciences, and recipient of the Rosenstiel Award in marine and atmospheric chemistry. He is a fellow of the American Geophysical Union, the American Association for the Advancement of Science, and the American Meteorological Society. He recently completed his term as the President of Scientific Committee on Oceanic Research (SCOR) and is currently a Member of the National Research Council's Ocean Studies Board. Dr. Duce has over 270 scientific publications in journals,

books, and proceedings. He received his Ph.D. in inorganic and nuclear chemistry from the Massachusetts Institute of Technology.

G. Ross Heath

Seattle, Washington

Dr. G. Ross Heath is Dean Emeritus of the College of the Ocean and Fishery Sciences and Professor of Oceanography at the University of Washington. His research in marine geology has focused on deep-sea manganese nodules, the disposal of high-level radioactive waste, and paleoceanography, resulting in more than a hundred publications. He has served on numerous panels and committees of the National Academy of Sciences, NASULGC, JOI, and CORE. He is a Fellow of the American Geophysical Union and the American Association for the Advancement of Science. In 1993 he served as an environmental analyst for KIRO TV (the CBS affiliate in Seattle). He is a member of the National Sea Grant Review Panel. He grew up in Adelaide, Australia where he earned his bachelors degree and worked as a geologist for several years before moving to the U.S. In 1993 he came to the Scripps Institution of Oceanography to study for a Ph.D. in Oceanography, which he obtained in 1968. His subsequent career has included faculty appointments at Oregon State University (including Dean of Oceanography from 1978 to 1984), the University of Rhode Island, and the University of Washington (including dean from 1984 to 1996) as well as two years as president and CEO of MBARI, prior to his present position.

Manuel L. Hernandez Avila

Mayaguez, Puerto Rico

Dr. Manuel Hernandez's 26-year career at the University of Puerto Rico/Mayaguez included his serving as Director of Puerto Rico Sea Grant from 1980 to 1995. He also served as a professor and chairman in the Department of Marine Sciences, as director of the Minority Biomedical Research Support Program, and, most recently as director of the university's Research and Development Center from 1994 until his retirement in 2000. Long involved in fostering regional and international cooperation in the marine sciences, Dr. Hernandez was chairman of the Sea Grant Association's International Affairs Committee from 1984-1990, president of the Association of Marine Laboratories of the Caribbean, and U.S. delegate and invited speaker at many international conferences. Dr. Hernandez currently serves as a member of several advisory councils to the Commonwealth of Puerto Rico, including those of the Environmental Quality Board, the Department of Natural Resources, and the Economic Development Administration's Industrial Development Company. Dr. Hernandez received his Ph.D. in physical oceanography from Louisiana State University.

John A. Knauss

Narragansett, Rhode Island

Dr. John A. Knauss began his oceanographic career in 1947 and for 20 years spent one to four months of each year at sea. Dr. Knauss's research has been concerned with understanding the currents and circulation of tropical oceans. He was appointed the first Dean of the Graduate School of Oceanography at the University of Rhode Island (URI) and served in that capacity from 1962 to 1989. During his tenure as Dean, the school became one of the major oceanographic programs in the U.S. While at URI, he worked closely with Senator Pell and other members of Congress to establish the National Sea Grant College Program. In 1989 he was appointed by President Bush to be the Administrator of NOAA, a position he held until 1993. Sea Grant's highly successful intern program was named the "Dean John A. Knauss Marine Policy Fellowship Program" by Congress in 1987 in his honor. Dr. Knauss was a member of the Stratton Commission and has been elected a Fellow in the American Geophysical Union, the American Association for the Advancement of Science, and the Marine Technology Society.

Jeffrey R. Stephan

Kodiak, Alaska

Mr. Jeffrey Stephan is manager of the United Fishermen's Marketing Association, Inc., (UFMA) in Kodiak, Alaska. UFMA is a multi-species, multi-gear-type commercial fishermen's organization whose members conduct fishing operations throughout the Gulf of Alaska and the Bering Sea/Aleutian Islands. A former member of the Kodiak City Council, Mr. Stephan has served on the Department of Commerce North Pacific Fishery Management Council and its Marine Fisheries Advisory Committee. In addition, he has served as vice-chairman of the Board of Directors of the Alaska Seafood Marketing Institute (ASMI). Presently, Mr. Stephan is a member of the Board of Education of the Kodiak Island Borough School District, the Board of Directors of the Kodiak Regional Aquaculture Association, and the Policy Committee of the Fishery Industrial Technology Center of the University of Alaska/Fairbanks. A founding member of the Oil/Fisheries Group of Alaska, Mr. Stephan graduated with a B.A. in economics from the State University of New York at Plattsburg. After graduation, he worked for Eastman Kodiak Company in sales and marketing and, prior to taking his current position, worked as a commercial fisherman.

Judith Weis

Newark, New Jersey

Dr. Judith Weis is a Professor of Biological Sciences at Rutgers University where her research focuses on estuarine ecology and ecotoxicology and where she has served as Associate Dean for Academic Affairs. During 2001, Dr. Weis served as the President of the American Institute of Biological Sciences. She has been elected a fellow of the American Association for the Advancement of Science (AAAS), served as chair of its biology section, and held an AAAS/American Society of Zoologists Congressional Science Fellowship with the Senate Environment and Public Works Committee. Dr. Weis has been a program director at the National Science Foundation, a visiting scientist at the U.S. Environmental Protection Agency, and a research scientist at Operation Wallacea in Indonesia. She has served as a member of the

Marine Board of the National Research Council, on the board of directors of the Society of Environmental Toxicology and Chemistry, and the Board of Directors of the Association of Women in Science (AWIS). The author of about 170 refereed papers, Dr. Weis received her B.A. from Cornell University and Ph.D. from New York University.

John T. Woeste
Gainesville, Florida

Dr. John T. Woeste is professor emeritus and retired Dean of the University of Florida's Institute of Food and Agriculture Sciences. From 1976 to 1995 he served as Director of Extension and the Florida Sea Grant Marine Extension Program. He was frequently recognized for his leadership of both agriculture and marine resource extension programs. In 1987 he received the USDA "Unit Award for Distinguished Service". In 1992, Dr. Woeste won the Mary Nell Greenwood Award from the American Evaluation Association for his sustained commitment to public accountability. In 1997, he was inducted into the International Adult and Continuing Education Hall of Fame and in 2002 was elected to the Florida 4-H Hall of Fame. He was recognized by the National FFA with an "Honorary American FFA Degree" and the Alpha Gamma Rho fraternity with a "Brother of Distinction" award. Woeste has served on boards for the Southern region aquaculture center and the Sustainable agriculture program. He chaired the national Extension Committee on Policy (ECOP), and Co-chaired the Legislative committee for the Agriculture division of the Land Grant University Association while a member of the board of Directors. His international experience includes advisory visits and consulting trips to Ecuador, Cameroon and Israel addressing agriculture education and technology transfer. Currently, he is president of the Florida Rural Rehabilitation Corp, Inc., Director of the National NARRC, President of the Alpha Gamma AGR educational foundation, and a member of the SHARE-UF Foundation board executive committee. He is a retiring director and past president of the International Adult and Continuing Education Hall of Fame. In 2002 he was appointed to the National Sea Grant Review panel.

November 19, 2004